

YTC CRITICAL THINKING RUBRIC **Instructor: Clinical Faculty** **Course: Radiology DHG 121, DAT 127** **Semester: SP2009**
“Critique of Radiographic Exposures on Clinical Patient”

	Advanced - 4	Competent - 3	Developing - 2	Elementary - 1	Score
Identify	Determines rationale for radiographic exposure on clinical patient; obtains faculty approval of radiographic series	Minor assistance needed to determine rationale for radiographic exposure	Student fails to obtain approval for exposure or fails to state appropriate rationale for exposure	Student fails to state rationale for exposure and/or fails to obtain approval for exposing radiographic series	
Gather	Obtains radiographic series on clinical patient using either traditional or digital method; uses safe exposure techniques, correct positioning devices and proper patient protocols upholding radiation safety and infection control measures; assures films are mounted and labeled properly .	Error in use of positioning devices or other minor incident.	Errors in mounting, labeling; or film exposure not affecting the safety of the student or patient.	Fails to uphold radiation safety or infection control protocols; detrimental to student and/or patient safety	
Examine	Examines and evaluates each individual film based on four criteria: “P” film placement, “V” vertical angulation, “H” horizontal angulation and “C” covering the film. Notes common anatomical landmarks.	One or two minor errors are noted in determining technique errors or identifying anatomical landmarks	Assistance needed to determine How to correct technique errors and in identifying anatomical landmarks.	Student displays confusion and ineptness in identifying P, V, H, C technique errors and/or common anatomical landmarks.	
Formulate	Student correctly identifies technique errors and is able to state how to correct each technique error. Student is able to note common anatomical landmarks on radiographs.	One or two minor deficiencies noted	Three or more minor errors noted	Student cannot determine how to correct technique errors in film exposure; cannot identify common anatomical landmarks	
Apply	Student retakes approved films and demonstrates ability to correct technique errors by exposing film of high diagnostic quality	Minor technique error still displayed on retake	Two or more errors still evident on retakes.	Fails to correct any technique errors	
Evaluate	Student achieves an overall grade of 80% or better on film series; properly evaluates quality of exposures and identifies radiographic landmarks on series.	Fails to identify all observable anatomical landmarks, minor error noted.	Student improved slightly deficiencies still noted, needs improvement.	Student achieves below 80% on series. Cannot correct technique errors does not improve on retakes.	

YTC CRITICAL THINKING RUBRIC Instructor: DR. CROSBY Course: DHG-121 Semester -- Spring 2009 (16 students)

	Advanced - 4	Competent - 3	Developing - 2	Elementary - 1	Score
Identify		$13 \times 3 = 39$	$3 \times 2 = 6$		2.8
Gather		$15 \times 3 = 45$	$1 \times 2 = 2$		2.937
Examine	$4 \times 4 = 16$	$12 \times 3 = 36$			3.25
Formulate	$10 \times 4 = 40$	$6 \times 3 = 18$			3.625
Apply	$8 \times 4 = 32$	$8 \times 3 = 24$			3.5
Evaluate		$16 \times 3 = 48$			3.0

YTC CRITICAL THINKING RUBRIC

Instructor: DR. CROSBY

Course: DAT-127 Semester -- Spring 2009 (19 students)

	Advanced - 4	Competent - 3	Developing - 2	Elementary - 1	Score
Identify	$2 \times 4 = 8$	$16 \times 3 = 48$	$1 \times 2 = 2$		3.05
Gather		$15 \times 3 = 45$	$4 \times 2 = 8$		2.789
Examine	$3 \times 4 = 12$	$13 \times 3 = 39$	$3 \times 2 = 6$		3.0
Formulate		$19 \times 3 = 57$			3.0
Apply	$13 \times 4 = 52$	$6 \times 3 = 18$			3.684
Evaluate		$18 \times 3 = 54$	$1 \times 2 = 2$		2.947